

WHAT IS CLAIMED IS:

1. An image data output apparatus comprises:

a data obtaining section for sequentially

5 obtaining a plurality of image data representative of a plurality of images;

10 a data editing section for performing a layout processing that images represented by the image data sequentially obtained by said data obtaining section are disposed in order of obtaining of the image data by a number permitted in arrangement as many as possible on a maximum size of sheet of a plurality of predetermined sizes of sheets, and editing image data representative of images  
15 disposed by the number permitted in arrangement as many as possible on the maximum size of one sheet onto image data representative of whole images to be recorded on the one sheet;

20 a sheet selection section for automatically selecting from among the plurality of predetermined sizes of sheets a minimum size of sheet capable of recording the whole images represented by image data edited by said data editing section; and

25 a data output section for outputting the image data edited by said data editing section together with data representative of a size of a sheet onto which the whole images represented by the image data are recorded.

2. An image data output apparatus according to claim 1, wherein in a state that one or more images are already disposed on a sheet of paper, when a new image represented by new image data subsequently obtained is disposed on the sheet, said data editing section performs processing for disposing the new image, while an arrangement position on the sheet of the images already disposed on the sheet is fixed.

3. An image data output apparatus according to claim 1, wherein in a state that one or more images are already disposed on a sheet of paper, when a new image represented by new image data subsequently obtained is disposed on the sheet, said data editing section performs processing for disposing the new image, while a position on the sheet of the images already disposed on the sheet is permitted in movement.

4. An image data output apparatus according to claim 1, wherein said data editing section performs processing in which images are disposed by a number permitted in arrangement as many as possible, permitting an arrangement in which images turn sideways.

5. An image data output program storage medium storing an image data output program in which when the image data output program is executed in a computer, an

image data output apparatus is implemented in the computer,  
said image data output apparatus comprising:

a data obtaining section for sequentially  
obtaining a plurality of image data representative of a  
5 plurality of images;

a data editing section for performing a layout  
processing that images represented by the image data  
sequentially obtained by said data obtaining section are  
disposed in order of obtaining of the image data by a  
10 number permitted in arrangement as many as possible on a  
maximum size of sheet of a plurality of predetermined sizes  
of sheets, and editing image data representative of images  
disposed by the number permitted in arrangement as many as  
possible on the maximum size of one sheet onto image data  
15 representative of whole images to be recorded on the one  
sheet;

a sheet selection section for automatically  
selecting from among the plurality of predetermined sizes  
of sheets a minimum size of sheet capable of recording the  
20 whole images represented by image data edited by said data  
editing section; and

a data output section for outputting the image  
data edited by said data editing section together with data  
representative of a size of a sheet onto which the whole  
25 images represented by the image data are recorded.

6. An image data output program storage medium

according to claim 5, wherein in a state that one or more images are already disposed on a sheet of paper, when a new image represented by new image data subsequently obtained is disposed on the sheet, said data editing section

5 performs processing for disposing the new image, while an arrangement position on the sheet of the images already disposed on the sheet is fixed.

7. An image data output program storage medium according to claim 5, wherein in a state that one or more

10 images are already disposed on a sheet of paper, when a new image represented by new image data subsequently obtained is disposed on the sheet, said data editing section performs processing for disposing the new image, while a

15 position on the sheet of the images already disposed on the sheet is permitted in movement.

8. An image data output program storage medium according to claim 5, wherein said data editing section

20 performs processing in which images are disposed by a number permitted in arrangement as many as possible, permitting an arrangement in which images turn sideways.